

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	113	("422"/\$7 or "436"/\$74) and microfluidic and pump\$1 same buffer	USPAT	OR	ON	2007/02/17 19:52
L5	51	("422"/\$7 or "436"/\$74) and microfluidic and pump\$1 with buffer	USPAT	OR	ON	2007/02/17 20:18
S1	3	((("6113855") or ("6271040") or ("5992820")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/17 11:29
S2	401	McNeely.in.	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:05
S3	17	S2 and microfluidic	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:06
S4	17	S2 and sensor\$1	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:06
S5	4	S3 and S4	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:06
S6	13	S3 and pump\$3	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:30
S7	2	S6 and electrode\$2	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:31
S8	302	(biochip\$1 or biosensor\$1)and microfluidic and pump\$3 and electrode\$3	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:36

EAST Search History

S9	272	S8 and sens\$3	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:37
S10	257	S9 and detect\$3	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:38
S11	164	S10 and electrochem\$7	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:39
S12	106	S11 and (hydrophilic or hydrophobic)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:40
S13	89	S12 and heat\$4	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:41
S15	56	S12 and adhesive	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 12:27
S16	1	("6361958").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/17 13:06
S17	3139	422/68.1	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:06
S18	4484	422/100	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:06
S19	1829	436/174	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:07

EAST Search History

S20	51	S13 and S15	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:16
S21	6	S17 and S20	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:22
S22	4	S18 and S20	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:21
S23	1	S19 and S20	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 15:43
S24	8	"9204470"	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 14:52
S25	8	"9204470"	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 14:52
S28	1	("5,252,294").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/17 14:59
S29	6	("3973320" "4233029" "4740410" "4778989" "4874500" "4895615").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/17 15:08
S30	1	("5,375,979").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/17 15:08
S31	1	S19 and S11	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 15:45
S32	10	S18 and S11	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 15:55

EAST Search History

S33	1	S19 and S11	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 15:44
S34	1	("6,251,691").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/17 15:56
S35	5	("6387707").URPN.	USPAT	OR	ON	2005/02/17 16:00
S36	37	("3982182" "3998525" "4055799" "4075013" "4456513" "4575407" "4591550" "4717655" "4832814" "5444330" "5447440" "5498392" "5573909" "5585069" "5587128" "5593838" "5723218" "5744305" "5807755" "5837551" "5855753" "5858804" "5874219" "5942388" "5989835" "6007996" "6017696" "6023540" "6033547" "6083763" "6136468" "6266459").PN. OR ("6387707").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/17 16:01
S37	2	((("4,908,112") or ("5,632,876") or ("9514586") or ("PCT9514586") or ("WO9743629") or ("9743629")). PN. or ((PCTUS95/14586) or (95/14586) or (PCT95/14586) or (WO97/43629) or (97/43629)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 09:10
S38	1	("5,858,195").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 09:10
S39	443	("3798152" "4547071" "4652757" "4675300").PN. OR ("4908112").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/18 09:35
S40	1	("6,315,953").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 09:47
S41	3	((("5,224,843") or ("5,759,014") or ("5,171,132"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 10:19
S42	1	("6621729").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 10:30

EAST Search History

S43	1	("6315953").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 10:31
S44	52	("3950738" "3995190" "4283773" "4563419" "4580895" "4584075" "4594135" "4751177" "4787963" "4807161" "4816418" "4822566" "4828979" "4908112" "5063081" "5074977" "5075077" "5096669" "5096807" "5125748" "5126022" "5143854" "5164319" "5166063" "5200051" "5202231" "5219726" "5227265" "5234566" "5242797" "5304487" "5312527" "5365539" "5433819" "5434049" "5445525" "5516698" "5527670" "5527681" "5605662" "5632957" "5653939" "5677195" "5681751" "5736410" "5849486").PN. OR ("6315953").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/18 10:33
S45	34	"6,099,803"	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/18 10:35
S46	302	(biochip\$1 or biosensor\$1)and microfluidic and pump\$3 and electrod\$3	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/18 10:35
S47	218	S46 and buffer\$1	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/18 12:21
S48	2	((("5,639,423") or ("5,304,487")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 12:22
S49	1	("2002/0076825").URPN.	USPAT	OR	ON	2005/02/18 13:16
S50	1	("5,637,458").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 13:16

EAST Search History

S51	4	((("20030070677") or ("20030075101")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 07:10
S52	2	("20020150683").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/13 22:36

EAST Search History

S53	280	((("6645432") or ("6951632") or ("6829753") or ("6827095") or ("6755211") or ("6814938") or ("6864480") or ("6443179") or ("6960437") or ("6767194") or ("6885982") or ("6878271") or ("6042709") or ("6981522") or ("6561208") or ("6761766") or ("6235175") or ("6994749") or ("6521188") or ("7040144") or ("6803568") or ("6615856") or ("6990851") or ("7041208") or ("7014705") or ("6548895") or ("6739576") or ("6800849") or ("7028536") or ("6877892") or ("5976336") or ("6797056") or ("6756019") or ("6555139") or ("6431212") or ("6632655") or ("6086740") or ("6969850") or ("7011793") or ("6607907") or ("6501654") or ("6958119") or ("6153073") or ("6068752") or ("6843263") or ("6772513") or ("6742661") or ("6778724") or ("6848462") or ("6686184") or ("6499499") or ("7033474") or ("6495369") or ("6919046") or ("6619311") or ("6488895") or ("6274089") or ("6409832") or ("6482364") or ("6852287") or ("5989402") or ("6251343") or ("6616823") or ("6743636") or ("6481453") or ("6857449") or ("6648015") or ("6692700") or ("6695765") or ("6729352") or ("6575026") or ("6919058") or ("6167910") or ("6900021") or ("7010964") or ("6403338") or ("6837927") or ("6868347") or ("6880576") or ("6752922") or ("6806543") or ("6523559") or ("6001231") or ("6783647") or ("6524790") or ("5876675") or ("6802489") or ("6534013") or ("6316781") or ("6100541") or ("6939451") or ("6447727") or ("6321791") or ("6660367") or ("6432290") or ("6454924") or ("6326083") or ("6632619") or ("6048498") or ("6382254") or ("6494230") or ("6319476") or ("6669831") or ("6915679") or ("6923907") or ("6616821") or ("6599409") or ("6582576") or ("6551836") or ("6465257") or ("6418690") or ("6970155") or ("6935772") or ("6845787") or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/30 19:05
2/17/2007 8:20:33 PM C:\Documents and Settings\jls\My Documents\EAST\Workspaces\25Case10615441_05Feb17.wsp Page 7						

EAST Search History

S54	39	S53 and pump\$1 with external\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 19:10
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EAST Search History

S55	375	((("20020117517") or ("20030156992") or ("20020168278") or ("20050106066") or ("20050249607") or ("20020108097") or ("20030175990") or ("20050149304") or ("20040072278") or ("20040224380") or ("20020187560") or ("20030007898") or ("20050065735") or ("20030064507") or ("20040021068") or ("20020124896") or ("20050133371") or ("20030111599") or ("20030196695") or ("20030156993") or ("20050224351") or ("20030102214") or ("20060006065") or ("20050233198") or ("20050092662") or ("20030041652") or ("20020183996") or ("20060046300") or ("20020177238") or ("20020134907") or ("20050053952") or ("20040109793") or ("20020100714") or ("20050164158") or ("20030138359") or ("20040045891") or ("20040053422") or ("20050084424") or ("20050145497") or ("20030182991") or ("20060103051") or ("20030034306") or ("20040094479") or ("20040229378") or ("20040245102") or ("20040206902") or ("20020187564") or ("20030233827") or ("20030165960") or ("20050047969") or ("20040113068") or ("20020187557") or ("20020187513") or ("20040175822") or ("20040200724") or ("20030129980") or ("20020052049") or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/30 19:08
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EAST Search History

S56	73	S55 and pump\$1 with external\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 19:15
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EAST Search History

S57	280	((("6951632") or ("6645432") or ("6827095") or ("6042709") or ("6755211") or ("6864480") or ("6960437") or ("6443179") or ("6767194") or ("6990851") or ("6761766") or ("6561208") or ("7040144") or ("6615856") or ("6994749") or ("6521188") or ("6803568") or ("7041208") or ("6800849") or ("7014705") or ("6548895") or ("7028536") or ("6086740") or ("6632655") or ("6756019") or ("6797056") or ("6431212") or ("6555139") or ("6482364") or ("6878271") or ("7011793") or ("6981522") or ("6153073") or ("6969850") or ("6068752") or ("6958119") or ("6499499") or ("6235175") or ("6742661") or ("6607907") or ("7033474") or ("6843263") or ("6447661") or ("6686184") or ("6274089") or ("6103199") or ("6919046") or ("6488895") or ("6149787") or ("6837927") or ("5976336") or ("6409832") or ("6251343") or ("6669831") or ("6481453") or ("6919058") or ("6857449") or ("6432290") or ("6581441") or ("6648015") or ("6752922") or ("6900021") or ("6063589") or ("7010964") or ("6167910") or ("6575026") or ("6780240") or ("6868347") or ("6783647") or ("6524790") or ("6993958") or ("6447727") or ("6632619") or ("6395232") or ("7024281") or ("6321791") or ("6660367") or ("6915679") or ("6319476") or ("6468761") or ("6326083") or ("6444173") or ("6495369") or ("6454924") or ("6448090") or ("6494230") or ("6444106") or ("6080295") or ("5972187") or ("6544734") or ("6923907") or ("6190616") or ("6551836") or ("5989402") or ("6403338") or ("6465257") or ("6547942") or ("6148508") or ("6632629") or ("6302134") or ("6616821") or ("6984516") or ("6599409") or ("6616823") or ("6575188") or ("6773567") or ("6613581") or ("6488897") or ("6561224") or ("6306273") or ("6509329") or ("6761962") or ("6613512") or ("5958203") or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/30 19:14
2/17/2007 8:20:33 PM C:\Documents and Settings\jacob\My Documents\EAST\Workspaces\25Case10615441\05Feb17.wsp Page 11						

EAST Search History

S58	15	S57 and (capillar\$3 near5 force\$1) and (pump\$1 with external\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 19:49
S59	2	("20020117517").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/30 19:47
S60	2	("20020187513").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/30 19:19

EAST Search History

S61	279	((("20020117517") or ("20030156992") or ("20020168278") or ("20050106066") or ("20050133371") or ("20050249607") or ("20030175990") or ("20040072278") or ("20040224380") or ("20040021068") or ("20030007898") or ("20050224351") or ("20030064507") or ("20030200794") or ("20040028566") or ("20030041652") or ("20020009392") or ("20030111599") or ("20020100714") or ("20030156993") or ("20020124896") or ("20040017981") or ("20030138359") or ("20060006065") or ("20050233198") or ("20050092662") or ("20030182991") or ("20040109793") or ("20030034306") or ("20040094479") or ("20040229378") or ("20050133101") or ("20060103051") or ("20040175822") or ("20010007641") or ("20040206902") or ("20020052049") or ("20020033193") or ("20020187564") or ("20020195047") or ("20040113068") or ("20030165960") or ("20050047969") or ("20030233827") or ("20030230488") or ("20020187513") or ("20020187557") or ("20060076068") or ("20020110926") or ("20050129580") or ("20020164816") or ("20010052460") or ("20040197905") or ("20020153046") or ("20030138829") or ("20030094008") or ("20030124623") or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/30 19:49
2/17/2007 8:20:33 PM C:\Documents and Settings\m... Documents\EAST\Workspaces\25Case10615441\05Feb17.wsp						

EAST Search History

S62	32	S61 and (capillar\$3 near5 force\$1) and (pump\$1 with external\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 20:32
S63	2	("6344326").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/30 20:35
S64	2	("6881541").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/30 20:35
S65	96	("3912614" "4022256" "4304257" "4312332" "4839017" "4848722" "4852851" "4858883" "4869282" "4894253" "4906439" "4911801" "4927516" "4968400" "4975175" "4999069" "5017494" "5041181" "5108532" "5130161" "5138881" "5146785" "5213675" "5258111" "5286364" "5304487" "5376252" "5401376" "5407992" "5411765" "5421982" "5442030" "5443890" "5457087" "5460890" "5462628" "5468374" "5470644" "5470693" "5478751" "5486335" "5491097" "5505321" "5520788" "5525405" "5540828" "5543222" "5554339" "5567297" "5567330" "5578188" "5589396" "5591519" "5596038" "5598989" "5603820" "5618760" "5635358" "5637469" "5660370" "5660728").PN. OR ("5932799"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 21:10

EAST Search History

S66	156	("1616419" "1773401" "20020143437" "3528449" "4139005" "4612959" "4654127" "4673657" "4946562" "4949742" "4963498" "4989626" "5001417" "5004583" "5053199" "5061336" "5064618" "5071531" "5126002" "5126022" "5135627" "5135872" "5147606" "5208163" "5250263" "5282950" "5296375" "5304477" "5304487" "5316727" "5339486" "5372946" "5374395" "5411708" "5427946" "5486335" "5498392" "5503803" "5519635" "5559432" "5565171" "5569364" "5580523" "5585069" "5585089" "5587128" "5589136" "5593838" "5599432" "5599503" "5603351" "5605662" "5628890" "5631337" "5632876" "5632957" "5635358" "5637469" "5639423" "5643738" "5646039" "5652149" "5674742" "5681484" "5681529" "5683657" "5699157" "5726026" "5731212" "5747666" "5750015" "5755942" "5763262" "5770029" "5772966" "5779868" "5787032" "5788814" "5800690" "5827481" "5842106" "5842787" "5846396" "5849486" "5849489" "5849598" "5852495" "5856174" "5858188" "5863502" "5863708" "5863801" "5866345" "5869004" "5872010" "5874046" "5876675" "5880071" "5882465" "5883211" "5885432" "5885470" "5895762" "5900130" "5912124" "5912134" "5916522" "5916776" "5919711" "5922591" "5929208" "5932799"	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 21:20
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EAST Search History

S67	52	S66 and (stop\$1 or delay\$1 or gate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 21:21
S68	84	("5147606").URPN.	USPAT	OR	ON	2006/08/30 21:26
S69	196	("5486335").URPN.	USPAT	OR	ON	2006/08/30 21:28
S70	21	("5681529").URPN.	USPAT	OR	ON	2006/08/30 21:40
S71	1	("6663833").URPN.	USPAT	OR	ON	2006/08/30 22:17
S72	304	(S70 or S68 or S66 or S65 or "73" or S54) and inlets and microfluidic and pump\$1	USPAT	OR	ON	2007/02/17 19:48
S73	4	((("20010051714") or ("6632400"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 20:19
S74	2	("4946795").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:10
S75	2	("4968129").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:13
S76	2	("4968120").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:11
S77	2	("4968127").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:11
S78	2	("5077017").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:22
S79	2	("5104813").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:12

EAST Search History

S80	2	("5968129").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:13
S81	2	("6968129").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:13
S82	2	("5731212").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:57
S83	2	("5519635").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:57
S84	3	("6235471").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/01 00:38
S85	2	("6827906").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/04 13:41
S87	4	("6720007").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/04 13:48